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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/716,871	11/20/2003	Jong-Kyung Kim	P56984	5641
7590 Robert E. Bushnell Suite 300 1522 K Street, N.W. Washington, DC 20005		04/25/2007	EXAMINER VO, HUYEN X	
			ART UNIT 2626	PAPER NUMBER
SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE		DELIVERY MODE	
3 MONTHS	04/25/2007		PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	10/716,871	KIM ET AL.
	<b>Examiner</b>	<b>Art Unit</b>
	Huyen X. Vo	2626

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 20 November 2003.  
 2a) This action is FINAL.                    2b) This action is non-final.  
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-18 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) Claim(s) \_\_\_\_\_ is/are allowed.  
 6) Claim(s) 1-18 is/are rejected.  
 7) Claim(s) \_\_\_\_\_ is/are objected to.  
 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.  
 10) The drawing(s) filed on 20 November 2003 is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) All    b) Some \* c) None of:  
 1. Certified copies of the priority documents have been received.  
 2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Will (US 6721410).

3. Regarding claim 1, Will discloses a chatting system, having secret attendance function, constituted in a chatting server for controlling the video, audio, and text chatting between the users connected to Internet through their terminals, characterized by comprising:

an attendance list control system for checking that each of the connected attendant is a general attendant, a public attendant, or a secret attendant and registering the attendant thereafter (*col. 4, lines 17-50, user B assigns different levels of permissions to users records defining how much information each individual user can have access to records; referring to figure 3, user C can be accessed by the entire public that is in communication with user B; user C can only be accessed by users A and D when they are in video conference with user B, etc.*);

a video control system for receiving video chatting data from the terminals of the connected general attendants (*col. 5, lines 10-58, video, audio, and/or text data can be used in any chat room*);

an audio control system for receiving audio chatting data from the terminals of the connected general attendants (*col. 5, lines 10-58, video, audio, and/or text data can be used in any chat room*); and

a text control system for receiving text chatting data from the terminals of the connected general attendants (*col. 5, lines 10-58, video, audio, and/or text data can be used in any chat room*).

4. Regarding claims 7 and 11, A method for providing a chatting service having secret attendance function, that provides video, audio, and text chatting between the users connected to Internet through their terminals, characterized by comprising the steps of:

- (a) receiving a chatting room and a chatting mode from a connected attendant (*col. 5, lines 40-58, virtual chat room and either video, text, and/or audio chat modes*);
- (b) if the chatting mode of said attendant inputted in said step (a) is general mode, receiving chatting data from the terminal of said attendant and transmitting said chatting data to the general-mode attendants (*col. 5, lines 10-58, virtual chat room and either video, text, and/or audio chat modes*);
- (c) if the chatting mode of said attendant inputted in said step (a) is public mode and said chatting room allows public mode, transmitting said chatting data of step (b) to

the terminals of the attendants being connected with public mode (*col. 5, lines 10-58, virtual chat room and either video, text, and/or audio chat modes*); and

(d) if the chatting mode of said attendant inputted in said step (a) is secret mode and said chatting room allows secret mode, transmitting said chatting data of step (b) to the terminals of the attendants being connected with secret mode (*col. 5, lines 10-58, virtual chat room and either video, text, and/or audio chat modes*).

5. Regarding claim 2, Will further discloses a chatting system having secret attendance function as claimed in claim 1, characterized in that said attendance list control system transmits control signals, each of which indicates that each of said connected attendants is a general attendant, a public attendant, or a secret attendant, to said video control system, said audio control system, and said text control system (*figure 3, indicates public and private chat rooms, and figure 5 shows different chat rooms, and col. 5, lines 10-58 shows video, audio, and/or text chat modes*).

6. Regarding claim 3, Will further discloses a chatting system having secret attendance function as claimed in claim 1, characterized in that said attendance list control system transmits the list of general attendance and the list of public attendance, connected to said chatting server, to the terminals of the general attendants and the public attendants and the secret attendants (*figure 3, indicates public and private chat rooms, and figure 5 shows different chat rooms*).

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7. Regarding claim 4, Will further discloses a chatting system having secret attendance function as claimed in claim 1, characterized in that said video control system transmits said video chatting data, received from the terminals of the general attendants connected to said chatting server, to the terminals of the general attendants, the public attendants, and the secret attendants (*figure 3, indicates public and private chat rooms, and figure 5 shows different chat rooms*).

8. Regarding claim 5, Will further discloses a chatting system having secret attendance function as claimed in claim 1, characterized in that said audio control system transmits said audio chatting data, received from the terminals of the general attendants connected to said chatting server, to the terminals of the general attendants, the public attendants, and the secret attendants (*figure 3, indicates public and private chat rooms, and figure 5 shows different chat rooms*).

9. Regarding claim 6, Will further discloses a chatting system having secret attendance function as claimed in claim 1, characterized in that said text control system transmits said text chatting data, received from the terminals of the general attendants connected to said chatting server, to the terminals of the general attendants, the public attendants, and the secret attendants (*figure 3, indicates public and private chat rooms, and figure 5 shows different chat rooms*).

10. Regarding claims 8 and 12, Will further discloses a method for providing a chatting service having secret attendance function as claimed in claim 7, characterized in that said steps of transmitting said chatting data include transmitting video data, audio data, and/or text data (*col. 5, lines 10-58 shows video, audio, and/or text chat modes*).

11. Regarding claim 9, Will further discloses a method for providing a chatting service having secret attendance function as claimed in claim 7, characterized in that said step (a) further comprises the step of transmitting the list information on the attendants connected with general mode to the terminals of the general attendants and the public attendants and the secret attendants (*figure 3, indicates public and private chat rooms, and figure 5 shows different chat rooms, and col. 5, lines 10-58 shows video, audio, and/or text chat modes*).

12. Regarding claim 10, Will further discloses a method for providing a chatting service having secret attendance function as claimed in claim 7, characterized in that said step (b) further comprises the step of transmitting the list information on the attendants connected with public mode to the terminals of the general attendants and the public attendants and the secret attendants (*figure 3, indicates public and private chat rooms, and figure 5 shows different chat rooms, and col. 5, lines 10-58 shows video, audio, and/or text chat modes*).

13. Regarding claims 13-18, Will further discloses a method for providing a chatting service having secret attendance function as claimed in claim 11, characterized in that said step (a) further comprises the step of transmitting the list information on the attendants connected with general mode to the terminals of the general attendants, transmitting the list information on the attendants connected with general mode to the terminals of the public attendants, transmitting the list information on the attendants connected with general mode to the terminals of the secret attendants, transmitting the list information on the attendants connected with public mode to the terminals of the general attendants, transmitting the list information on the attendants connected with public mode to the terminals of the public attendants, and transmitting the list information on the attendants connected with public mode to the terminals of the secret attendants (*referring to figure 3, different connections can be achieved. For example, user C is connected to all members of the public in communication with user B, while user C is only connected to users A and D when they are in video conference with user B. Referring to other possible combinations in figure 3*).

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Martin (US 6931114) and Balter et al. (6901379) are considered pertinent to the claimed invention.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Huyen X. Vo whose telephone number is 571-272-7631. The examiner can normally be reached on M-F, 9-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Edouard can be reached on 571-272-7603. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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4/22/2007